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**BLACKHAWK ENGINEERING, INC.**

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FAX

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To:

Joe Helfrich

Phone No.

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(801) 359-3940

From:

Dan Long

Phone No.

Fax No.

(435) 637-2431

Comment:

Here's the cover letter for the Savage
amendment. Please let me know if you
have any questions or comments.

Thanks,
Dan

**Pamela Gruabaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801**

**Re: Topsoil Stripping Amendment
Savage Coal Terminal
C/007/022
Carbon County, Utah**

Dear Pam:

Enclosed are 3 copies of a proposed amendment to the Savage Coal Terminal M.R.P. for stripping of topsoil for a new coal stockpile area.

The area proposed for stripping is located southwest of the Trail Canyon Truck Dump, within the railroad loop, as shown on enclosed Plate 3-2. This is an area previously designated for disturbance, with the provision that available topsoil would be stripped and stockpiled prior to disturbance. This amendment is to clarify the area and extent of topsoil removal, and to update relevant sections of the M.R.P.

The following is a description of the project and affected permit issues:

- 1) The total area to be redesignated as a "Coal Stockpile Area" consists of 13.34 acres located southwest of the Trail Mountain Truck Dump, as shown on Plate 3-2. There are 3 soil types in this area, as shown on Plate 8-1, Chipeta (Chc), Killpack (KmB) and Saltair (Sa). Stripping of topsoil will occur on the Chc Unit, (10.11 acres) and the KmB Unit (3.05 acres). Soil will be stripped to a depth of 6" as per Table 8-8. "Depths of Suitable Topsoil Available For Seedbed Material", for a total of approximately 10,620 cy. No stripping is proposed on the Sa Unit (0.18 acres) due to high salt content;**
- 2) Removed topsoil will be placed on the existing topsoil stockpile. The topsoil stockpile will then be reseeded using the Temporary Seed Mix on Table 3-1. Reseeding will occur prior to April 15;**

- 3) An evaluation of the drainage calculations in Chapter 7 indicate no need for changes in the hydrology section. The area presently drains to Sediment Pond 5, and will continue to do so after disturbance. Since the runoff and sediment calculations for this area (5d - Table 7-17) are consistent with the other coal stockpile areas, no changes are necessary to drainage controls or sediment pond calculations;
- 4) The project has also been evaluated for a potential increase in reclamation costs. Additional reclamation costs will consist of topsoil replacement and revegetation of this area. Based on the Division bonding calculations in Appendix 3-5, topsoil replacement would cost \$5.14/cy or \$54,586.80 for 10,620 cy. Revegetation costs are \$3268.31/acre, or \$43,010.96 for 13.16 acres. The total increase in bonding costs for this project is therefore \$97,597.76. This is approximately 3.87% of the bond presently posted for the Savage Coal Terminal.

We hope this proposal will meet with your approval. Savage Industries Inc. would like to start the soil stripping at the earliest possible date. If you have any questions, please contact Dan Guy at (435) 637-2422.

Sincerely,

Dan W. Guy
for
Boyd Rhodes

cc: Boyd Rhodes
File